

Union County, New Jersey

URBOOB—Urban land, boonton substratum, 0 to 8 percent slopes, red sandstone lowland

Map Unit Setting

National map unit symbol: 1ksrr

Mean annual precipitation: 30 to 64 inches

Mean annual air temperature: 46 to 79 degrees F

Frost-free period: 131 to 178 days

Farmland classification: Not prime farmland

Map Unit Composition

Urban land, boonton red sandstone lowland substratum: 90 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Urban Land, Boonton Red Sandstone Lowland Substratum

Setting

Landform: Ground moraines

Landform position (three-dimensional): Lower third of mountainflank

Down-slope shape: Linear, convex

Across-slope shape: Linear

Parent material: Surface covered by pavement, concrete, buildings, and other structures underlain by disturbed and natural soil material

Typical profile

H1 - 0 to 12 inches: material

H2 - 12 to 67 inches: gravelly loam

2CB - 67 to 83 inches: gravelly sandy loam

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Minor Components

Udorthents, boonton red sandstone lowland substratum

Percent of map unit: 5 percent

Landform: Ground moraines

Landform position (three-dimensional): Lower third of mountainflank

Down-slope shape: Convex

Across-slope shape: Linear

Boonton, red sandstone lowland

Percent of map unit: 5 percent

Landform: Ground moraines

Down-slope shape: Convex

Across-slope shape: Linear

Data Source Information

Soil Survey Area: Essex County, New Jersey

Survey Area Data: Version 10, Sep 24, 2014

Soil Survey Area: Union County, New Jersey

Survey Area Data: Version 8, Sep 24, 2014